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What Is Claimed Is:

1. In reproducing a set of external input data and a set of internal recording medium data, a reproducing method of a recording medium reproducing device, comprising:

selecting at least one of the set of external input data and the set of internal recording medium data;

executing at least one reproducing engine so as to reproduce the selected data in accordance with an attribute of the selected data; and

displaying the data reproduced through the reproducing engine.

2. The method of claim 1, wherein each of the external input data and the internal recording medium data comprises at least one set of AV stream and one set of enhanced data.

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- 3. The method of claim 2, wherein the reproducing engine includes a reproducing engine for AV streams and a reproducing engine for enhanced data.
- 4. The method of claim 2, wherein the enhanced data is provided as a Java program.

- 5. The method of claim 2, wherein the reproducing engine reproducing the enhanced data, which is provided as a Java program, is a Java module.
- 5 6. The method of claim 4, wherein the Java program is able to control AV stream reproduction.
- 7. The method of claim 1, wherein the external input data is a digital broadcast signal, and the internal recording medium data is a signal reproduced from a read-only blu-ray disc (BD-ROM).
 - 8. The method of claim 1, wherein a control command (Call API) for executing each of the at least one reproducing engine is included separately.
- 9. The method of claim 1, wherein the reproducing engine is represented as a software.
 - 10. The method of claim 1, wherein the reproducing engine is represented as a hardware.

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- 11. The method of claim 3, wherein the reproducing engine includes an AV player for executing the AV stream, and a browser for executing the enhanced data.
- 12. The method of claim 11, wherein each of the AV player and the browser separately includes an AV player for digital broadcasting, an AV player for reproducing an internal recording medium, a browser for digital broadcasting, and a browser for reproducing an internal recording medium, respectively.

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- 13. The method of claim 12, wherein a control command (Call API) controls
 each of the at least one reproducing engine, and wherein the reproducing engine executed
 by the control command (Call API) includes the AV player for digital broadcasting and
 the browser for reproducing the internal recording medium.
- 14. The method of claim 13, wherein the enhanced data that is reproduced from
 the browser for reproducing the internal recording medium is auxiliary to the AV stream
 that is reproduced from the AV player for digital broadcasting.
 - 15. The method of claim 14, wherein the enhanced data being reproduced from the browser for reproducing the internal recording medium is provided by an author of the digital broadcasting.

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16. The method of claim 12, wherein at least one control command (Call API) is separately included so as to execute each of the at least one reproducing engine, and wherein the at least one reproducing engine executed by the corresponding control command (Call API) includes the AV player for reproducing the internal recording medium and the browser for digital broadcasting.

- 17. The method of claim 12, wherein at least one control command (Call API) is separately included so as to execute each of the at least one reproducing engine, and wherein the at least one reproducing engine executed by the corresponding control command (Call API) includes the AV player for reproducing the internal recording medium and the browser for reproducing the internal recording medium.
- 18. The method of claim 12, wherein at least one control command (Call API) is separately included so as to execute each of the at least one reproducing engine, and wherein the at least one reproducing engine executed by the corresponding control command (Call API) includes the AV player for digital broadcasting and the browser for digital broadcasting.
 - 19. In reproducing a set of external input data and a set of internal recording

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medium data, a reproducing method of a recording medium reproducing device, comprising:

a selection unit selecting at least one set of the external input data and the internal recording medium data as input signal;

at least one reproducing engine reproducing the selected data in accordance with an attribute of the selected data; and

a controller transmitting a control command to the selection unit, so as to select the input signal, when a desired display mode is decided, and transmitting another control command so as to execute a reproducing engine suitable for the decided display mode among the at least one reproducing engine.

- 20. In a method of controlling display of a set of external input data and a set of internal recording medium data, a display control method within a recording medium reproducing device comprising:
- providing a plurality of reproducing engines corresponding to each attribute of a set of data being reproduced; and

when a desired display mode is decided, generating at least one control command (Call API) so as to execute a reproducing engine suitable for the decided display mode among the at least one reproducing engine.

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21. In a recording medium reproducing device provided with a plurality of reproducing engines corresponding to each attribute of a set of data being reproduced, so as to control display of the data being reproduced, a display control method within a recording medium reproducing device comprising:

providing a user-selectable display mode, when the recording medium is loaded; and

when executing a specific display mode in accordance with a user-selection, generating at least one control command (Call API) so as to execute a reproducing engine suitable for the user-selected display mode among the at least one reproducing engine.

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22. In a recording medium reproducing device provided with a plurality of reproducing engines corresponding to each attribute of a set of data being reproduced, so as to control display of the data being reproduced, a display control method within a recording medium reproducing device comprising:

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receiving a display mode change command during reproduction of the recording medium; and

depending upon a newly desired display mode, generating at least one control command (Call API) so as to execute a reproducing engine suitable for the display mode change command among the at least one reproducing engine.

23. In a recording medium including an area for recording main data and an area for recording menu information corresponding to the main data, the recording medium comprising:

a display menu recorded in the menu information, so as to enable a user to select

a display mode for a set of external input data and also for the main data recorded in the recording medium.

- 24. The recording medium of claim 23, wherein the display menu comprises a display mode for displaying a set of enhanced data within the recording medium and an AV stream within the external input signal in combination.
 - 25. The recording medium of claim 23, wherein the recording medium is a readonly blu-ray disc (BD-ROM).